BRUHATH BANGALORE MAHANAGARA PALIKE,

DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

Modified Schedule - B

BBMP/2020-21/OW/WORK_INDENT45839/CALL-2

NAME OF WORK: Contruction of CC drain from Marmma devi temple surrounding and construction of CC drain at Dhananjaya house in Manjunatha Nagara Govt Higher primary school Surrounding in Bagalagunte ward no 14

Sl. No	Description of work	Unit	Qty	Approved rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Cum	1770.38	200.0	Rupees Two Hundred Only
2	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Cum	53.37	3500.0	Rupees Three Thousand Five Hundred Only
3	Providing and laying palin / reinforced cement concrete for side drain using M20 nominal mix conncrete with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, well compacted for walls and bottom including centering,shuttering, cost of materials,HOM of machinery, curing etc complete excluding cost of steel as per MORTH Specification No. 1500,1700,2200 including cost of materials, labour, HOM complete as per specifications wall & botton thickness 15cm complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Cum	157.96	6000.0	Rupees Six Thousand Only

Jayanna K.

Signature of the Contractor,

Executive Engineer,
Dasarahalli Division,

	Description of work	Unit	Qty	Approved rates	
				In Figures (Rs.)	In Words (Rs.)
4	KSRRB M2200- TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Tonne	17.48	65000.0	Rupees Sixty Five Thousand Only
	Above 125%	Tonne	6.87	64134.48	Rupees Sixty Four Thousand One Hundred Thirty Four and Forty Eight Paise Only
5	Providing & fixing Precast RCC slab of 100mm thick for drain in cement concrete 1:1:5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortar including from work lift charges, curing and concrete finished surface on both side etc complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Sqm	261.72	1500.0	Rupees One Thousand Five Hundred Only
6	Providing & Fixing Precast RCC slab of 250mm thick for culverts made of plain/reinforced cement concrete desigh mix M25 with OPC @ 340 Kgs with 20mm and down size graded granite metal course aggregates @ 0.70 cum and fine aggregates @ 0.47 cum. with super plasticizer @ 3lts confirming to 189103-1999 Reaffirmed-2008m open foundation complete as per drawing and technical specification including cost of all materials, Labour, HOM curing form works, scaffoiding and centering complete as per specification and pointing for joints 1:3 cement mortor including form work. lift charges, curing and concrete finished surfacess on both sides etc., complete and as per the direction of Engineer in-Charge	Sqm	41.58	4000.0	Rupees Four Thousand Only
7	Removing and resetting of footpath slab complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Sqm	3504.51	160.0	Rupees One Hundred Sixty Only

Executive Engine
Dasarahalli Divisi

nature of the Contractor,

	Description of work	Unit	Qty	Approved rates	
				In Figures (Rs.)	In Words (Rs.)
8	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road ITEM no. 17.4 , KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications complete as per specification with all lead and lift and as per the directions of the Engineer incharge.	Cum	2018.81	180.0	Rupees One Hundred Eighty Only
9	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)complete as per specification and directions of the Engineer incharge.	Cum	7.39	4000.0	Rupees Four Thousand Only
	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, abour, hire charges of machinery, loading, nloading, lead and lift, transportation etc., omplete	No	604.00	365.88	Rupees Three Hundred Sixty Five and Eighty Seven Paise Only

Jayanna.K.

e of the Contractor,

Executive Engineer,
Dasarahalli Division,

	Description of work	Unit	Qty	Approved rates	
				In Figures (Rs.)	In Words (Rs.)
11	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cemen concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications KSRRB M200-12.3. –do– C. Prestressed / Reinforced cement concrete grade M-20 above	Cum	31.36	1424.95	Rupees One Thousand Four Hundred Twenty Four and Ninety Five Paise Only
12	KSRRB 2100-5. Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring strutting wherever necessary watering and ramming including cost of all materials, labour, HOM complete as per specifications MORTH	Cum	436.74	808.88	Rupees Eight Hundred Eight and Eighty Seven Paise Only
13	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS	Cum	70.49	2178.23	Rupees Two Thousand One Hundred Seventy Eight and Twenty Three Paise Only
14	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification	Cum	29.33	4577.06	Rupees Four Thousand Five Hundred Seventy Seven and Six Paise Only

Jayaram. K.

ture of the Contractor,

Executive Engineer,
Dasarahalli Division,

	Description of work	Unit	Qty	Approved rates	
				In Figures (Rs.)	In Words (Rs.)
15	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	183.05	5420.91	Rupees Five Thousand Four Hundred Twenty and Ninety One Paise Only
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	627.87	321.04	Rupees Three Hundred Twenty One and Four Paise Only
17	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per pecifications	Cum	30.43	361.39	Rupees Three Hundred Sixty One and Thirty Nine Paise Only
18	KSRB 12-4 : Providing and laying in position plain cement concrete of M - 7.5 using 40mm and down size graded granite / trap metal for surrounded encasing internal diameter stoneware pipes, concrete machine mixed well compacted including cost of materials, labour charges, form work, HOM curing complete as per specifications. Specification No. KBS 4.1 / 4.2 300mm	Mtr	10.00	1276.09	Rupees One Thousand Two Hundred Seventy Six and Eight Paise Only

Signature of the Contractor

Executive Engineer,
Dasarahalli Division,

Signature of the Contractor,

Executive Engi
Dasarahalli Div